

In the Claims

Please amend the claims as follows:

1. (Cancelled)
2. (Currently Amended) The method as in claim ~~19~~, including forming at least one axially extending discontinuity in said coating, said at least one axially extending discontinuity providing debris relief and indicating wear of said coating when said return roller is used in the conveyor system.
3. (Original) The method as in claim 2, in which said at least one discontinuity does not expose said radially outwardly facing surface of said core.
4. (Withdrawn) The method as in claim 2, in which said at least one discontinuity exposes at least a portion of said core.
5. (Currently Amended) The method as in claim ~~19~~, in which extruding said elongated roller core includes forming an outer cylindrical shell to define said radially outwardly facing surface.

6. (Currently Amended) A method of making a return roller for use in a conveyor system, said method comprising:

extruding an elongated roller core defining a radially outwardly facing surface, and including an axial opening for receiving a shaft, said core being formed from a first material having a first coefficient of friction, wherein extruding said elongated roller core includes forming an outer cylindrical shell to define said radially outwardly facing surface and ~~The method as in claim 5, in which extruding said elongated roller core includes~~ forming an inner cylindrical shell joined to said outer cylindrical shell by at least one radially extending spoke, and;

coextruding a coating over said radially outwardly facing surface for engagement with a conveyor belt, said coating being formed from a second material having a second coefficient of friction, said second coefficient of friction being different than said first coefficient of friction.

7. (Currently Amended and Withdrawn) The method as in claim ~~19~~, in which extruding said elongated roller core includes forming a plurality of radially outwardly extending spokes, each of said spokes having distal ends, wherein said distal ends define said radially outwardly facing surface, and said coating is coextruded onto said distal ends.

8. (Currently Amended and Withdrawn) The method as in claim ~~16~~, in which at least one shaft is inserted into said core.

9. (Currently Amended) A method of making a return roller for use in a conveyor system, said method comprising:

extruding an elongated roller core ~~The method as in claim 1, in which said core is extruded~~ onto a shaft, said core defining a radially outwardly facing surface, and including an axial opening for receiving said shaft, said core being formed from a first material having a first coefficient of friction; and

coextruding a coating over said radially outwardly facing surface for engagement with a conveyor belt, said coating being formed from a second material having a second coefficient of friction, said second coefficient of friction being different than said first coefficient of friction.

10. (Currently Amended) The method as in claim ~~4~~6, including fixing an end cap to each end of said core.

11. (Currently Amended and Withdrawn) The method as in claim ~~4~~9, in which said elongated roller core is cylindrical, and said method includes extruding a second core having radially extending ribs, and inserting said second core into said elongated roller core, wherein distal ends of said ribs engage an inner surface of said elongated roller core.

12. (Currently Amended and Withdrawn) The method as in claim ~~4~~9, in which said axial opening for receiving the shaft has a non-circular cross section.

13. (Cancelled)

14. (Currently Amended) The method as in claim 13~~6~~, in which said coating is coextruded onto said radially outwardly facing surface in strips to form said at least one discontinuity.

15. (Currently Amended) A method of making a return roller for use in a conveyor system, said method comprising:

extruding an elongated core ~~The method as in claim 13, in which said core is extruded~~
onto a shaft, said core defining a radially outwardly facing surface, said core being formed from a material having a first coefficient of friction;

coextruding a coating onto said outwardly facing surface which bonds to at least a portion of said radially outwardly facing surface, said coating being formed from a second material having a second coefficient of friction, said second coefficient of friction being different than said first coefficient of friction; and

forming at least one axially extending discontinuity in said coating as said coating is coextruded onto said radially outwardly facing surface, said at least one axially extending discontinuity providing debris relief and indicating wear of said coating.

16. (Currently Amended) A method of making a return roller for use in a

conveyor system, said method comprising:

extruding an elongated core defining a radially outwardly facing surface, said core
being The method as in claim 13, in which said core is formed from a thermoplastic material
having a first coefficient of friction;

coextruding a coating onto said outwardly facing surface which bonds to at least a
portion of said radially outwardly facing surface, said coating being formed from a second
material having a second coefficient of friction, said second coefficient of friction being
different than said first coefficient of friction; and

forming at least one axially extending discontinuity in said coating as said coating is
coextruded onto said radially outwardly facing surface, said at least one axially extending
discontinuity providing debris relief and indicating wear of said coating.

17. (Currently Amended) The method as in claim 136, in which said coating is formed from a material having a coefficient of friction that is greater than the coefficient of friction of said core.

18. (Currently Amended) The method as in claim 136, in which extruding said core includes forming a plurality of radially outwardly extending spokes, wherein each of said spokes has a distal end, and said distal ends define said outwardly facing surface, and said at least one discontinuity in said coating is formed between at least one pair of adjacent spokes.

19. (Currently Amended) The method as in claim 136, in which extruding said core includes forming an outer cylindrical shell defining said outwardly facing surface.

20. (Currently Amended) A method of making a return roller for use in a conveyor system, said method comprising:

extruding an elongated core defining a radially outwardly facing surface, said core being formed from a material having a first coefficient of friction, extruding said core includes forming an outer cylindrical shell defining said outwardly facing surface and ~~The method as in claim 19, in which extruding said core includes~~ forming at least one spoke and an inner cylindrical shell, wherein said at least one spoke extends radially inwardly from said outer cylindrical shell toward said inner cylindrical shell;

coextruding a coating onto said outwardly facing surface which bonds to at least a portion of said radially outwardly facing surface, said coating being formed from a second material having a second coefficient of friction, said second coefficient of friction being different than said first coefficient of friction; and

forming at least one axially extending discontinuity in said coating as said coating is coextruded onto said radially outwardly facing surface, said at least one axially extending discontinuity providing debris relief and indicating wear of said coating.

21. (Currently Amended) The method as in claim 136, in which said discontinuity exposes at least a portion of said core.

22. (Currently Amended) The method as in claim 136, in which said discontinuity does not expose at least a portion of said core.

23. (Currently Amended) The method as in claim 136, including fixing an end cap to each end of said core.

24. (Currently Amended) A method of making a return roller for use in a conveyor system, said method comprising:

extruding a cylindrical elongated core defining a radially outwardly facing surface, said core being formed from a material having a first coefficient of friction;

coextruding a coating onto said outwardly facing surface which bonds to at least a portion of said radially outwardly facing surface, said coating being formed from a second material having a second coefficient of friction, said second coefficient of friction being different than said first coefficient of friction;

forming at least one axially extending discontinuity in said coating as said coating is coextruded onto said radially outwardly facing surface, said at least one axially extending discontinuity providing debris relief and indicating wear of said coating;

~~The method as in claim 13, in which said elongated roller core is cylindrical, and said method includes~~ extruding a second core having radially extending ribs;[[,]] and

inserting said second core into said elongated roller core, wherein distal ends of said ribs engage an inner surface of said elongated roller core.

25. (Currently amended) The method as in claim ~~136~~, in which said axial opening for receiving the shaft has a non-circular cross section.